ACES FALL 2022
Convocation

College of Agricultural, Consumer and Environmental Sciences

Rolando A. Flores Galarza, Dean

BE BOLD. Shape the Future.
New Mexico State University
The College of Agricultural, Consumer, and Environmental Sciences is an engine for economic and community development in New Mexico, improving the lives of New Mexicans through academic, research, and Extension programs.
Vision of ACES

For ACES to become the best land-grant college in the Southwest and the best in the nation in our areas of strength
Content

• Vision and Mission of ACES
• New Faculty and Staff
• ACES and NMSU Strategic Planning
• Accountability and Financials
• Agricultural Modernization and Educational Facilities
## ACES Faculty Colleagues who Retired

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Hartley</td>
<td>HRTM</td>
</tr>
<tr>
<td>Frank Hodnett</td>
<td>AXED</td>
</tr>
<tr>
<td>Steve Guldan</td>
<td>ASC Alcalde</td>
</tr>
<tr>
<td>Name</td>
<td>Position</td>
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<tr>
<td>--------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Anna L. Davis</td>
<td>Ext Agric Agent</td>
</tr>
<tr>
<td>Angela M. Prada</td>
<td>Ext Assoc 1</td>
</tr>
<tr>
<td>Bonnie S. Mikkelson</td>
<td>Ext Agric/4H Agent</td>
</tr>
<tr>
<td>Lauren E. Baker</td>
<td>Ext Assoc 1</td>
</tr>
<tr>
<td>Rachel E. Zweig</td>
<td>Ext Agric Agent</td>
</tr>
<tr>
<td>Bryce Bitsie</td>
<td>Ext Agric Agent</td>
</tr>
<tr>
<td>Phillip D. Alden</td>
<td>Ext Family Consumer Sci Agent</td>
</tr>
<tr>
<td>Sawssan Boufous</td>
<td>Ext Specialist/AG Markets</td>
</tr>
<tr>
<td>Alwin D’souza</td>
<td>Asst Professor</td>
</tr>
<tr>
<td>Christina Dimitriou</td>
<td>Asst Professor</td>
</tr>
</tbody>
</table>
University Awardees:

Community Engagement, Extension and Outreach Award

Stephanie Walker, Extension Plant Sciences
NMSU Strategic Plan

Link to view NMSU Strategic Plan: LEADS 2025 Strategic Planning (nmsu.edu)

ACES Strategic Plan

Link to view Strategic Plan: 2020-2025 strategic plan (nmsu.edu)

2021 Annual Report

Link to view 2021 Annual Report: 2021-aces-annual-report_r.pdf (nmsu.edu)
ACES Magazine

2021 Fall – Volume 6

ABUZZ WITH NATIVE BEES

NMSU science center in Alcalde captures bee diversity in New Mexico

ACESMagazine_FA21_lowres_09.pdf (nmsu.edu)

2022 Spring - Volume 7

THE PIONEER, FABIAN GARCIA

Shape the Future. (nmsu.edu)

ACES-Newsletter

Keeping up with the College

Dean’s Message

and our row with the rains.

The summer temperatures are still something new, but the work of ACEs has not stopped. Just last we had the commission of a new to be more specifically in the College of ACES. They add a lot of incredible activities that culminated with the awards ceremony. This is a vital time when we get the chance to see 4-H youth and volunteers participating in activities and see the hard work that they have put into the season and our programs. The hard work of these 4-H volunteers and educators and volunteers working with youth, 4-H is an outstanding organization, and we are very proud of it.

The College of Agricultural, Consumer and Environmental Sciences
New Mexico State University

Volume 22, Issue 07
07/18/2022

BE BOLD. Shape the Future.

NMSU newsletter

NM STATE

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Co-Directors charged with coordinating and managing EID strategic activities in the College of ACES and serving as liaisons to campus-wide EID initiatives.

• Strengthen college’s existing work to create inclusive environments for students, employees and stakeholders statewide.

• Work with administrators to develop a strategic plan for academic, research and Extension departments.

• Identify and provide resources to support EID efforts.

• Part of NMSU CES Team of Trained Facilitators- Coming Together for Racial Understanding program (CTRU).

• In the past year have facilitated dialogue sessions for over 210 people including administrators, faculty, staff, students, and community stakeholders.
EID Professional Development Opportunities

- “Your Brain is Good at Inclusion…Except When It’s Not” with Dr. Monica Torres, DACC President
  Wednesdays-Oct. 5, 12, 19, 26 1-3pm (Virtual)

- “Terminology Related to EID” with Dr. Linda Scholz, NMSU VP of EID
  Tuesdays – Nov. 1, 9-11 am (Virtual)

- “Implicit Bias and Microaggressions” with Dr. Linda Scholz, NMSU VP of EID
  Tuesday – Nov. 15, 9 – 11 am (Virtual)

- “Inclusive Communication” with Dr. Linda Scholz, NMSU VP of EID
  Tuesday – Nov. 29, 9-11 am (Virtual)

- EID Workshop with Dionardo Pizaña, MSU Extension DEI Specialist
  Tues.- Thurs., Feb 21-23, 2023, time TBD (In person)

- 6-week Dialogue Series by NM Coming Together for Racial Understanding team
  Spring 2023  days/time TBD (Virtual)
Academic Programs
Donald Conner, Associate Dean/Director

ACES Enrollment Trend

Source: Office of Institutional Analysis; FA2021-CENSUS_FINAL.pdf (nmsu.edu)
ACES Enrollment

**FALL 2022**
Graduate: 202  
Undergraduate: 1,292

**FALL 2021**
Graduate: 224  
Undergraduate: 1,305  
*Data as of August 12th, 2022

**ACES Course Delivery**

<table>
<thead>
<tr>
<th>Delivery Mode (UG+G)</th>
<th>ACES</th>
<th>NMSU</th>
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</thead>
<tbody>
<tr>
<td>F2F</td>
<td>55%</td>
<td>41%</td>
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<tr>
<td>ONL+WEB</td>
<td>31%</td>
<td>17%</td>
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<tr>
<td>HYB+IND</td>
<td>14%</td>
<td>42%</td>
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Updates

- COVID-19 Expectations & Crimson Commitment (8/8/2022)
- Fall 2022 Syllabus Addendum (3/29/2022)
International Recruitment - Keystone Academics
 ✓ Website Traffic (last 365 days)
   • 569 K Impressions
   • 13K Clicks
   • 1431 Student Leads

✓ Top Interests
   • Ag Biology 12%
   • Water Science & Management 8%
   • Family & Consumer Science 12%
   • Plant & Environ. Sciences 6%

Graduate Program Updates
 ✓ Union
 ✓ Graduate Faculty Approval Process
 ✓ Promotion of MAP
 ✓ ACES Student Progress Report
ACES Graduate Student Progress Reports

1. Benefits of Annual or Semester Reviews
   • Clarify Expectations. Regular Feedback on Expectations & Performance
   • Identify opportunities for improvement or development
   • Diagnose deficiencies early
   • Prevent more serious problems from developing later
   • Encourage students to self-assess own academic progress
   • Opportunities to discuss plans & set timely goals

2. Components
   • Major professor & committee input
   • Student self-assessment
   • Academic & professional development
   • Common Expectations
The mission of the New Mexico Cooperative Extension Service (CES) is to deliver practical, research-based knowledge and programs that improve New Mexicans’ quality of life. A part of NMSU’s College of Agricultural, Consumer and Environmental Sciences, CES is a unique federal, state, and county partnership.

- CES has staff in all 33 counties and many Tribal areas in New Mexico, and collaborates with over 1,000 organizations, state and federal agencies, other universities, and 10,000 volunteers. Extension leverages federal appropriations at a rate of $9.66 for every $1.00 received.
## 2021 Cooperative Extension Service Impacts

<table>
<thead>
<tr>
<th>Impact Metric</th>
<th>2020</th>
<th>2021</th>
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</thead>
<tbody>
<tr>
<td>Clientele Contacts</td>
<td>334,759</td>
<td>497,062</td>
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<tr>
<td>Social Media Contacts</td>
<td>21,662,732</td>
<td>11,814,386</td>
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<tr>
<td>Refereed Journal Articles</td>
<td>42</td>
<td>45</td>
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<tr>
<td>Extension Publications</td>
<td>520</td>
<td>547</td>
</tr>
<tr>
<td>Presentations, Workshops, Trainings</td>
<td>3,175</td>
<td>2,573</td>
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<tr>
<td>Students Employed</td>
<td>47</td>
<td>57</td>
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<tr>
<td>Grants and Contracts</td>
<td>$14,848,822</td>
<td>$17,873,700</td>
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<tr>
<td>Foundation Gift &amp; Cash Donations</td>
<td>$364,073</td>
<td>$310,866</td>
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<tr>
<td>In-Kind Donations</td>
<td>$406,589</td>
<td>$362,910</td>
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Agricultural Experiment Station
Leslie D. Edgar, Associate Dean/Director

2021 At a Glance

- FY23 State legislature increase of $5,497,200 ($1.4M recurring)
- Two selected federal ACES Congressional Direct Spending projects ($2.8M)
- 49 Hatch, 4 McIntire-Stennis, and 2 Animal Health Capacity Projects
- 44 PIs Involved in Multi-State Projects
- 166 grant proposals submitted, $81.2M requested, $29.6M funded for FY22
- AES Reorganization

- $8,992,010 Research Funding Awarded (FY21)
- 246 Research Publications
- Farm Manager Program
- 12 Field Days
- 19 Impact Statements Submitted to NIDB
AES Goals

- ACCOUNTABILITY
- ALIGNMENT
- CLARITY AND COMMUNICATION
- INTENTIONAL
- TRANSFORMATIONAL AND TRANSPARENT

Upcoming Events

- AES Reorganization Overview and Capacity Fund Modification Discussions
  Wednesday, Aug. 31, 2-3 p.m.
  Thursday, Sept. 15, 9-10 a.m.

- Los Lunas Field Day
  Tuesday, Aug. 30, 7:30 a.m.

- Ag Day
  Saturday, Sept. 24.
ACES Research Publications

2019
207
Refereed Academic Journals Published

2020
262
Refereed Academic Journals Published

2021
246
Refereed Academic Journals Published

2022
43
Refereed Academic Journals Published

*As of 7/22/2022
ACES Global Initiatives
Manoj Shukla, Program Coordinator

- Mission is to provide every student in the College of ACES an opportunity to have an inspiring international experience prior to graduation to stimulate their educational, professional and interpersonal development.
- Ten NMSU students visited Centro Panamericano de Idiomas, Spanish School in Monteverde Costa Rica, Spring Break 2022 supported through AGG program.
- College of ACES was part of the organizing committee on International Conference on Water Resources Management and Sustainability: Solutions for Arid Regions in Dubai, UAE, 22-24 March 2022.
- Virtual meetings were held with Sultan Qaboos University, Muscat and National Water and Energy Center, University of UAE for joint collaborations on teaching, research and faculty-student exchange.
- Meeting was held at Inter-American Institute for Cooperation on Agriculture (IICA) headquarter in San Jose, Costa Rica (April 4 to 6). NMSU Chancellor and IICA Director signed a declaration for sustainable development in major areas including water, digital agriculture and AI, renewable energy, carbon management and climate change, and bioeconomy and agribusiness.
Indian Resources Development
Claudia Trueblood, Director

is a statewide program that offers educational and professional development opportunities for Native American high school and college students in New Mexico; and supports tribal nations in developing their own technical and managerial expertise in agriculture, natural resources, business, energy, and engineering.

Examples of IRD work

• Promote, fund, or help develop internships, apprenticeships, and research experiences for high school or college students
• Offer information sessions and presentations related to career and college exploration
• Share educational resources that support a path to higher education in New Mexico
• Promote/fund entrepreneurial initiatives and business development via workshops
• Offer and promote trainings/workshops on topics related to agriculture, natural resources, business, engineering, and renewable energy
Sustainable and value-added agriculture is one of nine industries targeted in New Mexico’s economic development strategic plan (NMEDD, 2021). The center will work to support the plan via the following proposed activities.

**2021 - 2022**
- Organized Roadmap/Workshops teams
- Roadmaps (6)
- Workshops (2) - Water Symposium and "Multi-Institutional Food Engineering Seminar Series"
- Seed Grants (2)
- Explore value-added agricultural production opportunities in the state (2)
- CESFAS advisory committee was established
- Transdisciplinary assistantships (4) in 2022

**2022 - 2023**
- Workforce development / Experiential learning
- Industry stakeholders' internships (10)
- Transdisciplinary assistantships (4)
- Support for rural communities and food processing industry
- Rural economic development (NM Legislature)
- Community presentations about agriculture, specifically sustainable value-added agriculture
- Identifying and validating value-added agricultural opportunities
- Product development
- Bioprocessing and food science
- Business feasibility
- Water law/policy, Business development
Progress on AG Modernization Buildings

Biomedical Research Center

Food Science, Security, and Safety Facility
Progress on AG Modernization Buildings

Animal Nutrition and Feed Manufacturing Facility
International travel

• All International travel forms need to be submitted **20 days prior** the date of travel.

• All forms need to be sent to Pam (pjmiller@nmsu.edu) to be reviewed for the Dean’s signature.

• Once signed forms are sent to the Provost for approval.

• The following link provides both the **Employee & Student** International Travel forms: [International Travel Procedures | New Mexico State University - Be Bold! Shape the Future. (nmsu.edu)](http://nmsu.edu)